

Applicants : Thomas M. Kurth et al.
Appln. No. : 10/004,733
Page : 2

A2
40. (Amended) The method of claim 38, wherein the vegetable oil comprises a vegetable oil chosen from the group comprising soy oil, rapeseed oil, cottonseed oil, or palm oil.

A3
51. (Amended) The method of claim 38, wherein the B-side further comprises a polyol derived from petroleum.

A3
52. (Amended) The method of claim 51, wherein the polyol derived from petroleum comprises a polyurea polyol.

A4
79. (Amended) A method of coating a substrate with a material comprising:
providing a substrate; a spray applicator comprising an A-side inlet, a B-side inlet, and a sprayer head comprising an A-side outlet and a B-side outlet; an A-side reactant comprising an isocyanate; and a B-side reactant comprising an esterified polyol, a polyol derived from petroleum, and a catalyst wherein the esterified polyol comprises the reaction product of a first polyol and a vegetable oil, the first polyol comprises the reaction product of a first multifunctional compound and a second multifunctional compound;
directing the spray applicator toward the substrate;
passing the A-side reactant through the A-side intake of the applicator and the B-side reactant through the B-side intake of the applicator; and
passing the A-side reactant and the B-side reactant through the sprayer head such that the A-side and B-side reactants react and contact the substrate material.

A5
82. (Amended) The method of claim 79, wherein the polyol derived from petroleum comprises a polyol derived from petroleum chosen from polyether polyol, polyester polyol, and polyurea polyol.

A5
83. (Amended) A method of coating a substrate with a material comprising:

Applicants : Thomas M. Kurth et al.
Appln. No. : 10/004,733
Page : 3

providing a substrate; a spray applicator comprising an A-side inlet, a B-side inlet, and a sprayer head comprising an A-side outlet and a B-side outlet; an A-side reactant comprising an isocyanate; and a B-side reactant comprising a vegetable oil, a polyol derived from petroleum, a cross-linker, and a catalyst;

directing the spray applicator toward the substrate;

passing the A-side reactant through the A-side intake of the applicator and the B-side reactant through the B-side intake of the applicator; and

passing the A-side reactant and the B-side reactant through the sprayer head such that the A-side and B-side reactants react and contact the substrate material.

84. (Amended) The method of claim 83, wherein the polyol derived from petroleum comprises a polyol derived from petroleum chosen from polyether polyol, polyester polyol, and polyurea polyol.